Cohabitation: People and Pollinators

The design was catered to capture the positive feeling that was desired for inhabitants to experience walking through this space. The gentle shrouded curves of the paths are to allow students to feel as though they are able to relax outside of the classroom and provide a space where they can learn, hang out, and enjoy the beauty of nature. Edible plants such as the High Bush Blueberry and Roman Chamomile are inset to cater towards the interest of students with a landscape that has all natural snacks. Extensive grass space allows students an area to move around and be active. Pollinator specific plants were chosen to cater to bee and butterfly populations that will fill the space with life. The pollinators would provide students and families with real life tools to learn about them first hand and the impact they have on the world through blooming flowers and food production.
Project Summary:

This project was initiated to remediate an unsightly building at the rear of the school. It involved the creation of a new landscape that included a planted area, a service area, and a perimeter garden. The garden was designed to provide a space for students to learn and explore. The garden includes various native plants that are used to create a visually appealing ecosystem. The garden also serves as a place for students to engage in hands-on learning and to develop an appreciation for the natural world.

INVENTORY/ANALYSIS

CONCEPTUAL DESIGN

PLAN VIEW

DETAILED PLANTERS

PERSPECTIVES

SECTIONS

NATIVE PLANTING PALETTE
BUSY AS CAN BEE
THE POLLINATOR PADDY
Kamila Orlich, SAIC, Krista Persing, Dr. Robert Fuss, Spring 2019

Orange Hall’s low-maintenance and yellowflowered paddy was inspired by the bee garden in Asia. Several pollinator studies indicated that paddy areas are in the presence of the above-ground flora. The paddy was designed to provide a dynamic space to encourage the bees' visitation. The design also promotes the bees' visitation by providing a suitable habitat for them. In order to keep the paddy’s aesthetic appeal, the paddy needs to be maintained and the bee’s habitats must be preserved. This paddy is home to many species that contribute to a rich ecosystem. If the paddy conditions are not maintained, the paddy’s aesthetic appeal will be lost. This paddy is a perfect example of how we can create pollinator-friendly spaces that benefit our environment and the bees.}

**SITE ANALYSIS AND INVENTORY**

**VARIATION IN TOPOLOGY**

**PLANT LIST:**

- **Type:** Annuals
- **Height:** 15-30 cm
- **Spread:** 15-30 cm

- **Common Name:** Marigold
- **Scientific Name:** Tagetes erecta
- **Description:** Flowering annuals with yellow, orange, or red flowers. Most common in gardens and ornamental plantings.

- **Common Name:** Sunflower
- **Scientific Name:** Helianthus annuus
- **Description:** Tall annuals with large yellow flowers. Widely used as a food source for bees and other pollinators.

- **Common Name:** Zinnia
- **Scientific Name:** Zinnia elegans
- **Description:** Perennial or annual flowers with colorful, daisy-like blooms. Attracts bees and butterflies.

- **Common Name:** Mexican Sunflower
- **Scientific Name:** Tagetes lucida
- **Description:** An evergreen shrub with yellow flowers. Good for attracting bees and butterflies.

- **Common Name:** Coneflower
- **Scientific Name:** Rudbeckia fulgida
- **Description:** Perennial flowers with daisy-like heads. Attracts bees, butterflies, and other pollinators.

- **Common Name:** Coreopsis
- **Scientific Name:** Coreopsis tinctoria
- **Description:** Perennial with yellow daisy flowers. Attracts bees and butterflies.

- **Common Name:** Black Eyed Susan
- **Scientific Name:** Rudbeckia fulgida var. sullivantii
- **Description:** Perennial with daisy-like flowers. Attracts bees and butterflies.

- **Common Name:** Black Eyed Susan
- **Scientific Name:** Coreopsis tinctoria
- **Description:** Annual or perennial with yellow flowers. Attracts bees and butterflies.

- **Common Name:** Wild carrot
- **Scientific Name:** Daucus carota
- **Description:** Annual with purple flowers and white roots. Good for bees and butterflies.

- **Common Name:** Black Eyed Susan
- **Scientific Name:** Rudbeckia fulgida var. sullivantii
- **Description:** Perennial with daisy-like flowers. Attracts bees and butterflies.

- **Common Name:** Black Eyed Susan
- **Scientific Name:** Coreopsis tinctoria
- **Description:** Annual or perennial with yellow flowers. Attracts bees and butterflies.